

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In re application of: Elson Dias de Silva

For: METHODS AND SYSTEMS FOR REVERSIBLY EXCHANGING ENERGY BETWEEN INERTIAL AND ROTATING FORCES

Attorney Docket Number: 1000-1393

**DECLARATION & POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

1. My residence, post office address, and citizenship are as stated below next to my name.
2. I believe that I am the true and original inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled:

***METHODS AND SYSTEMS FOR REVERSIBLY EXCHANGING ENERGY BETWEEN INERTIAL AND ROTATING FORCES***

3. I have reviewed and understand the contents of the above-identified specification, including the claims.
4. I acknowledge the duty to disclose information, which is material to the patentability of this application as defined by Title 37, Code of Federal Regulations, § 1.56.
5. The above-referenced patent application is a continuation-in-part of U.S. Patent Application Serial No. 10/082,370, "Fluid Conduction Utilizing a Reversible Unsaturated Siphon With Tubarc Porosity Action," which was filed on February 25, 2002 and claims priority to U.S. Provisional Patent Application Serial No. 60/307,800, which was filed on July, 25, 2001.
6. I hereby appoint Luis M. Ortiz and Kermit D. Lopez, patent attorneys registered and recognized before the United States Patent and Trademark Office as follows:

Luis M. Ortiz, Registration. No. 36,230  
Kermit D. Lopez, Registration. No. 41,953

